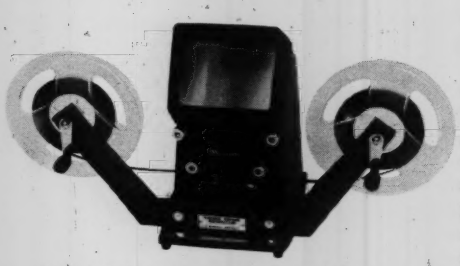
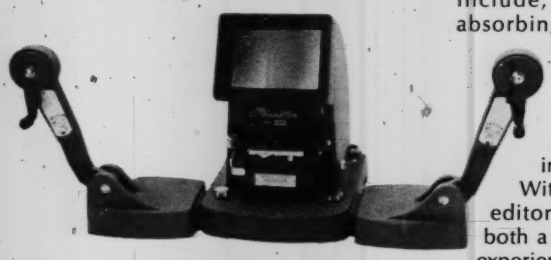
HERVIC/MINETTE SUPER-8 & 16mm VIEWERS-EDITORS



Hervic/Minette Super-8 Viewer-Editor.
Screen Size: 2.9" x 3.8"
Reel Capacity: 400'



Hervic/Minette 16mm Viewer-Editor.*
Screen Size: 3.2" x 4.2"
Reel Capacity: 2000'

* (shown with *optional* 16mm rewind assembly)

FEATURING ALL METALLIC BODY CONSTRUCTION

Precision-made Hervic/Minette Super-8 and 16mm viewer-editors offer large, bright and clear images, which remain sharp whether the film is moving or stopped. Both Super-8 and 16mm viewer-editor models are provided with a specially designed optical system which prevents flickering.

Additional features on both Hervic/Minette viewer-editors models include, among others; a heat absorbing filter; a film pressure plate engineered to protect your film; a dust-proof viewing glass; a cue-mark punch, as well as convenient framing and focusing controls. With Hervic/Minette viewer-editors, film editing becomes both a creative and *pleasurable* experience.

EXCLUSIVELY DISTRIBUTED IN THE U.S.A BY
Hervic
CORPORATION
EXECUTIVE OFFICE: 14225 VENTURA BOULEVARD
SHERMAN OAKS, CALIFORNIA 91403

Introducing
SUPER GRIP
Camera Mount

The new Super Grip Camera Mount can be attached to almost any hard, smooth surface in a horizontal, vertical or in-between position. Its single, powerful suction cup makes it a quick, strong and efficient means of mounting cameras and lights in an unlimited number of situations. Super Grip has been thoroughly tested in motion picture production use around the world and has proved to be an ideal tool for the film maker.

Price: $295.00

Exclusive U. S. Distributors:

SERVING THE WORLD
alan gordon enterprises inc.

SALES AND RENTAL DIVISION: 1430 N. Cahuenga Blvd., Hollywood, Calif. 90028
Telephone: Sales — (213) 985-5500 / Rental — (213) 466-3561

INDEX TO

AMERICAN CINEMATOGRAPHER

Volume 52, 1971

INDEX BY TITLE OR SUBJECT

—A—

Aerial and Stunt Photography for "Tora! Tora! Tora!", Feb, 144
"All the Best Camera Angles Were in Five Feet of Water," Nov, 1122
"An American Freak Illumination," Gold Medal Award, Atlanta Film Festival, Aug, 777
Anatomy of an Oscar-Winning Short Subject, Jun, 588
Animation Mechanisms, Jan, 26
Awards of the Fourth Annual Atlanta International Film Festival, Aug, 766

—B—

Background Music by Computer, Nov, 1148
Basketball Camera, A, Feb, 156
"Blue Water, White Death"—The Hunt for the Great White Shark, Sep, 872
Book Review: Biograph Bulletins, 1896-1908, Sep, 928
Book Review: 8mm/16mm Movie-Making, Apr, 380

—C—

Canon Zoom DS-8 Double Super-8 Camera, The, Mar, 244
Challenges of a Free-Lance Cameraman, The, Jul, 684
Cinema Workshop: Automatic Slating, Aug, 750
Cinema Workshop: Care of Magnetic Tape, Nov, 1100
Cinema Workshop: Film Registration, Jul, 646
Cinema Workshop: Magnetic Sound Recording, Sep, 860
Cinema Workshop: Polarizing Filters, Feb, 114
Cinema Workshop: Sound Recording Tape, Oct, 980
Cinema Workshop: The Care of Filters, Mar, 210
Cinema Workshop: The Care of Lenses, Apr, 312
Cinema Workshop: Variable Shutters, Jun, 532
Cinema Workshop: Zoom Lenses, May, 432
Cinesphere and the Film Feast at Ontario Place, Sep, 896
Cinesphere at Ontario Place, Mar, 236
Columbia Studios' Synctrol Cableless Automatic Sound System, Apr, 344
Concept of "THX 1138," The, Oct, 993
Creating the Special Effects for "Tora! Tora! Tora!", Feb, 138
Creating the Title-Role Villain for "The Andromeda Strain," May, 448
Crystamatic Sync System, The, Product Report, Jan, 42

—D—

"Directed by John Ford"—Producing a Compilation Documentary, Nov, 1138
Distortion Techniques Used in Filming "The Birth of Aphrodite," Sep, 868

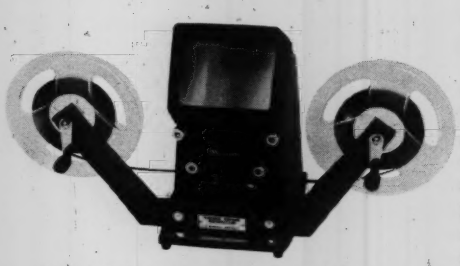
—E—

Eleventh Annual Conference of the Information Film Producers of America, Inc., Jan, 52
Elmo Double Super-8 Camera C-300, Mar, 248
Evolution of a new Macro-Zoom Lens System, The, Jun, 580

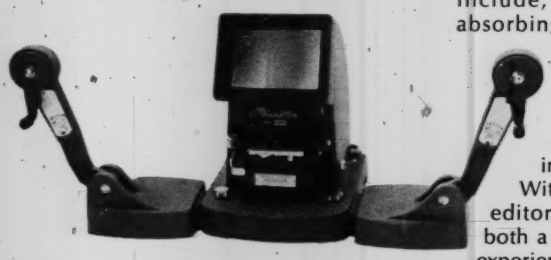
—F—

Film '71, Aug, 788
Filming by Starlight for "The Andromeda Strain," May, 443
Filming "His Land" in the Original Locations, Dec, 1226
Filming in "Shangri-La," Nov, 1110
Filming of "LeMans," The, Oct, 988

HERVIC/MINETTE SUPER-8 & 16mm VIEWERS-EDITORS



Hervic/Minette Super-8 Viewer-Editor.
Screen Size: 2.9" x 3.8"
Reel Capacity: 400'



Hervic/Minette 16mm Viewer-Editor.*
Screen Size: 3.2" x 4.2"
Reel Capacity: 2000'

* (shown with *optional* 16mm rewind assembly)

FEATURING ALL METALLIC BODY CONSTRUCTION

Precision-made Hervic/Minette Super-8 and 16mm viewer-editors offer large, bright and clear images, which remain sharp whether the film is moving or stopped. Both Super-8 and 16mm viewer-editor models are provided with a specially designed optical system which prevents flickering.

Additional features on both Hervic/Minette viewer-editors models include, among others; a heat absorbing filter; a film pressure plate engineered to protect your film; a dust-proof viewing glass; a cue-mark punch, as well as convenient framing and focusing controls. With Hervic/Minette viewer-editors, film editing becomes both a creative and *pleasurable* experience.

EXCLUSIVELY DISTRIBUTED IN THE U.S.A BY
Hervic
CORPORATION
EXECUTIVE OFFICE: 14225 VENTURA BOULEVARD
SHERMAN OAKS, CALIFORNIA 91403

Introducing
SUPER GRIP
Camera Mount

The new Super Grip Camera Mount can be attached to almost any hard, smooth surface in a horizontal, vertical or in-between position. Its single, powerful suction cup makes it a quick, strong and efficient means of mounting cameras and lights in an unlimited number of situations. Super Grip has been thoroughly tested in motion picture production use around the world and has proved to be an ideal tool for the film maker.

Price: $295.00

Exclusive U. S. Distributors:

SERVING THE WORLD
alan gordon enterprises inc.

SALES AND RENTAL DIVISION: 1430 N. Cahuenga Blvd., Hollywood, Calif. 90028
Telephone: Sales — (213) 985-5500 / Rental — (213) 466-3561

INDEX TO

AMERICAN CINEMATOGRAPHER

Volume 52, 1971

INDEX BY TITLE OR SUBJECT

—A—

Aerial and Stunt Photography for "Tora! Tora! Tora!", Feb, 144
"All the Best Camera Angles Were in Five Feet of Water," Nov, 1122
"An American Freak Illumination," Gold Medal Award, Atlanta Film Festival, Aug, 777
Anatomy of an Oscar-Winning Short Subject, Jun, 588
Animation Mechanisms, Jan, 26
Awards of the Fourth Annual Atlanta International Film Festival, Aug, 766

—B—

Background Music by Computer, Nov, 1148
Basketball Camera, A, Feb, 156
"Blue Water, White Death"—The Hunt for the Great White Shark, Sep, 872
Book Review: Biograph Bulletins, 1896-1908, Sep, 928
Book Review: 8mm/16mm Movie-Making, Apr, 380

—C—

Canon Zoom DS-8 Double Super-8 Camera, The, Mar, 244
Challenges of a Free-Lance Cameraman, The, Jul, 684
Cinema Workshop: Automatic Slating, Aug, 750
Cinema Workshop: Care of Magnetic Tape, Nov, 1100
Cinema Workshop: Film Registration, Jul, 646
Cinema Workshop: Magnetic Sound Recording, Sep, 860
Cinema Workshop: Polarizing Filters, Feb, 114
Cinema Workshop: Sound Recording Tape, Oct, 980
Cinema Workshop: The Care of Filters, Mar, 210
Cinema Workshop: The Care of Lenses, Apr, 312
Cinema Workshop: Variable Shutters, Jun, 532
Cinema Workshop: Zoom Lenses, May, 432
Cinesphere and the Film Feast at Ontario Place, Sep, 896
Cinesphere at Ontario Place, Mar, 236
Columbia Studios' Synctrol Cableless Automatic Sound System, Apr, 344
Concept of "THX 1138," The, Oct, 993
Creating the Special Effects for "Tora! Tora! Tora!", Feb, 138
Creating the Title-Role Villain for "The Andromeda Strain," May, 448
Crystamatic Sync System, The, Product Report, Jan, 42

—D—

"Directed by John Ford"—Producing a Compilation Documentary, Nov, 1138
Distortion Techniques Used in Filming "The Birth of Aphrodite," Sep, 868

—E—

Eleventh Annual Conference of the Information Film Producers of America, Inc., Jan, 52
Elmo Double Super-8 Camera C-300, Mar, 248
Evolution of a new Macro-Zoom Lens System, The, Jun, 580

—F—

Film '71, Aug, 788
Filming by Starlight for "The Andromeda Strain," May, 443
Filming "His Land" in the Original Locations, Dec, 1226
Filming in "Shangri-La," Nov, 1110
Filming of "LeMans," The, Oct, 988

Filming of the Japanese Episodes of "Tora! Tora! Tora!", The, Feb, 142
Filming of "Tora! Tora! Tora!", The, Feb, 124
Filming "The Goldseekers" in the Philippines, Jul, 678
Filmkraft Editor, The, Mar, 232
Film-making in Israel, Dec, 1222
Film-making in San Francisco, Oct, 996
First Los Angeles International Film Exposition, The, Nov, 1147
Five Best-Photographed Motion Pictures of 1970, The, May, 466
Forty-Third Annual Academy Awards Presentation, The, May, 469
Fourth Annual Atlanta International Film Festival, The, Aug, 758
Freddie Young Goes to College, Jun, 556
From Grip-Electrician to Movie Actor—and Back, Dec, 1242
From Three Days to Three Minutes, Oct, 1024

—G—

Greystone: The American Film Institute in Hollywood, Mar, 220

—H—

Hal Mohr, ASC, Visits Kent State University, Sep, 880
Havasupai: People of the Blue-Green Water, Nov, 1115
Helivision II, Jun, 576
Holography—The Real Three-Dimensional Pictures Traditional Photography Can't Explain, Nov, 1127
How a Video Color Analyzer Speeds the Making of Prints, Mar, 230

—I—

"Images," Gold Medal Award, Atlanta Film Festival, Aug, 785
Imax in the Cinesphere, Sep, 938
Interfilm in Israel, Dec, 1254
Interview with Jules Brenner, An, Aug, 814
Into the Mouth of Hell to Film "Fire Mountain," June, 538
Israel: A New Film Frontier, Dec, 1244
Israeli Film Student on the Hollywood Scene, An, Dec, 1268

—J—

"Johnny Got His Gun"—Golden Phoenix and Golden Dove Awards, Atlanta Film Festival, Aug, 762
"Johnny Got His Gun," The Production, Aug, 762

—L—

Lab Breakthrough that Has Revolutionized Release Printing, The, May, 454
"Le Mans"—Speed Was of the Essence, Oct, 990
"Les Stances a Sophie," Gold Medal Award, Atlanta Film Festival, Aug, 776
"Lighting the Night" Without Using Lights, Feb, 148
Lighting 2000 World Colloquium, Jul, 680

—M—

Make This Transitioner, Jan, 56
"Marrying" Television to Film for "The Andromeda Strain," May, 440
"Masters of the Sky," Silver Phoenix Award, Atlanta Film Festival, Aug, 774
Mediums' Cool, or, How I Spent My Summer Vacation, May, 472
Modified Gun Stock for the Expeditionary Cameraman, A, Oct, 1016
Motion Picture Sound . . . A Long Way from the "Ice Box," Apr, 320
My Particular Tiger, Feb, 128

—N—

Nagra IV Recorder Specially Modified for Documentary Filming, The, Apr, 338
New Arrivox-Tandberg Recorder, The, Apr, 334
New Canon Sound Scoopic 200 Camera, The, Nov, 1132
New Experience in Cinematography, A, Jul, 672
New RDS Sturdy-Lite Aero Kit, The, May, 460
New Video West Instant-Replay System Is Reflex and Wireless, Jul, 668
1970 "Cindy" Awards, Jan, 54
"North of Superior"—The World's Largest Motion Picture, Sep, 898

Continued on Page 1298

New Hahnel 16mm splicer. It's motorized.

Instead of hand-scraping (and the risks thereof), Hahnel's new battery-operated 16mm splicer uses a 6000-rpm sapphire-coated scraping wheel to produce a clean, wedge-shaped, jump-free, blip-free splice. In seconds. Consistently.

What's more, it lets you cut right on the image line, so you never lose a single frame.

Ordinary splice leaves a bump on the film and a jump on the screen.

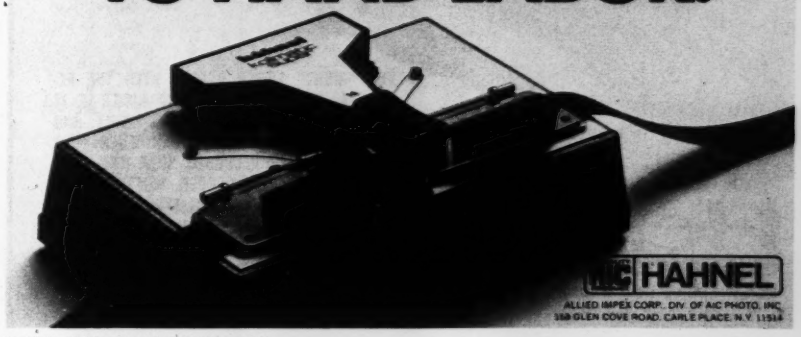
The Hahnel wedge-shaped splice is invisible on the screen.

And cementing is easier, too: there's a light right under the spot where the film-ends meet.

For single- and double-perforated 16mm films, magnetic, optical or silent. Under $50* (not including batteries).

Hahnel also makes motorized super-8 and standard-8 splicers and editors. All are unfair to hand labor.

UNFAIR TO HAND LABOR.



Your dealer will determine exact retail price in your area.

Prices may be subject to supplementary duty

For more information, write Dept. AC-12.

DICHROIC FILTERS

TO FIT COLORTRAN

- Vari-10
- Multi-6
- Multi-10
- Quartz-King 500
- Focusing 1000

Comparable Value . . . $58.00
Polished Pyrex
SALE PRICE . . . 26.95
Rolled Pyrex 19.45

TO FIT COLORTRAN

- Focusing 650
- Dual 1000

Comparable Value . . . $49.00
Polished Pyrex
SALE PRICE . . . 22.95
Rolled Pyrex 16.80

TO FIT COLORTRAN

- Dual 650
- Mini-Pro

Comparable Value . . . $35.00
Polished Pyrex
SALE PRICE . . . 16.75
Rolled Pyrex 12.80

BRENNER PHOTO CO.
5215 Wisconsin Avenue, N.W.
Washington, D. C. 20015
(202) 244-3800

1971 A.C. INDEX

Continued from Page 1295

—O—

On Location with "Carnal Knowledge," Jan, 34
On Location with "Deliverance," Aug, 796
On Location with "The Godfather," Jun, 568
Outstanding Films at the Atlanta Film Festival, Sept, 902

—P—

Pathe DS8 BTL Camera, Mar, 246
Photographing a First Feature: "THX 1138," Oct, 1062
Photographing "The Andromeda Strain," May, 436
Photographing the Israel Sequences for "Portnoy's Complaint," Dec, 1234
Photography of "I Walk the Line," The, Part II, Jan, 62
Prince Philip's Address at Film '71, Sept, 890
"Punishment Park," Gold Medal Award, Atlanta Film Festival, Aug, 778

—R—

Recording the Sound for "North of Superior," Sep, 947
Recording the Sound for "Song of Norway," Apr, 324
Reflection Upon the Production of Britain's First Super-16 Feature, Nov, 1144
Report on a Crystal-Controlled Cordless Camera-Drive Motor, Apr, 362

—S—

San Francisco's Own American Zoetrope, Oct, 1002
Shooting "THX 1138" with (Almost) No Light, Oct, 1031
SMPTE 109th Technical Conference, Apr, 352
"SOS—Save Our Sea," Sep, 888
Sound Stage 627, Jan, 44
"Sound Telescope" for Wildlife Filming, A, Apr, 356
Special Sound of "THX 1138," The, Oct, 1075
Stellavox SP 7 Recorder, The, Apr, 358
Survey of Motion Picture Film Stocks and Laboratory Procedures, A, Part 1, Jun, 558
Survey of Motion Picture Film Stocks and Laboratory Procedures, A, Part 2, Jul, 670

—T—

Technical Description of the New Arrivox-Tandberg Tape Recorder, A, Apr, 391
Tennessee Portfolio, Jan, 66
"The Odd Couple" Goes Cordless, Oct, 1028
"The San Francisco Experience". . . and Hpw It Grew, Oct, 1054
"The San Francisco Experience" in Exciting Electrovision, Oct, 1010
"The Windsplitter"—Golden Tara Award, Atlanta Film Festival, Aug, 768
"THX 1138"—Made in San Francisco, Oct, 992
Topside Photography for "Blue Water, White Death," The, Sep, 876

—U—

Unique School for News Film Cameramen, A, Feb, 154
Using the Zoom Lens Creatively, Mar, 226

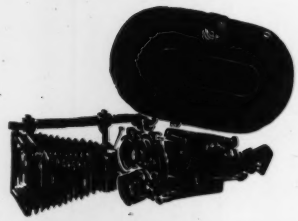
—W—

Welcome Aboard the Film/Tape Bandwagon, Jun, 566
"What?" and "Why?" of Double Super-8, The, Mar, 243
What Is Crystal Sync and Why Is It Important?, Apr, 330
"Whisper My Name"—Made in Israel, Dec, 1250
Why Make Films in Israel?, Dec, 1260
Why We Chose Israel, Dec, 1236
Wilcam Super-8 Single-System Sound Camera, Apr, 350
"Wild Rovers"—Case History of a Film, Jul, 654
Wonders of Arri-Land, The, Jun, 542
World's Longest Audiovisual Screen for Kodak Presentation, The, Sep, 910

INDEX BY AUTHORS

—A—

Abbott, L.B., ASC, Creating the Special Effects for "Tora! Tora! Tora!", Feb, 138



PROFESSIONAL PHOTOGRAPHIC EQUIPMENT

for every working day of the year

Tripods, dollies,
changing bags, rewinds,
cutting barrels, quartz lamps,
animation field charts
light meters, 16mm and
35mm motion picture cameras
recorders, projectors,
film and magnetic stock.
And a ton of other
motion picture equipment,
all available for sale, daily or
weekly rental, or long term lease.
—Compare Our Prices—

Where? CALVIN CINEQUIP, INC.
An Affiliate of Calvin Communications Inc

CCI

CALVIN CINEQUIP, INC.

Dependable service
from two convenient locations

215 W. Pershing Road
Kansas City, Missouri 64108
Phone: (816) 421-1230

1909 Buttonwood
Philadelphia, Pennsylvania 19130
Phone: (215) 563-1686

NEW, IMPROVED!

The MARK II CIN-AR ADAPTER

It's the new MARK II CIN-AR ADAPTER. Use all Arri lenses on "C" mount cameras. Proven by heavy professional use, the MARK II CIN-AR lens mounts now feature brass lens threads, 3-grip lens seats and adjustable aperture viewing. Thousands sold. Cat. 1150, only $39.50 (Compare elsewhere at $75.00).

Director's Finder

They're back! The famous B & S DIRECTORS' FINDERS are in production again — no increase in price! Used world-wide by pros who know.

For both 35mm and 16mm production. MODEL III-B 35/16 CINEMASCOPE, Cat. 2615, $89.50; MODEL K 16/35 COMBI-FINDER, Cat. 2606, $69.50.

E-Z-See Zoom Scale

THE BEST FOR LESS! B & S drops the price again. E-Z-SEE ZOOM SCALES drop to $39.50 (down from original $75.50) but maintains the very highest quality. Individually machined and engraved. Only data ring to have both F and T stops, both in feet and meters. Now only $39.50.

SEND YOUR CHECK WITH ORDER — WE'LL PAY THE POSTAGE. CALIFORNIA RESIDENTS ADD 5% STATE SALES TAX.

BIRNS & SAWYER, INC.

(213) 466-8211 CABLE: BIRNSAW
1026 N. Highland • Los Angeles, Ca. 90038
London • Sydney • Hong Kong
Tel Aviv • Miami

Auslender, Leland, Distortion Techniques Used in Filming "The Birth of Aphrodite," Sep, 868
Avery, Brian, Recording the Sound for "North of Superior," Sep, 947

—B—

Bergmann, Horst, Technical Description of the New Arrivox-Tandberg Tape Recorder, A, Apr, 391
Birns, Jack, Why We Chose Israel, Dec, 1236
Birns, Tom, From Grip-Electrician to Movie Actor—and Back, Dec, 1242
Bloom, Jon, Photographing "The Andromeda Strain," May, 436
Boenish, Carl, "Masters of the Sky," Silver Phoenix Award, Atlanta Film Festival, Aug, 774
Brenner, Jules, Filming "The Goldseekers" in the Philippines, Jul, 678
Brown, Marshall M., Pathe DS8 BTL Camera, Mar, 246
Butler, Michael, Aerial and Stunt Photography for "Tora! Tora! Tora!", Feb, 144

—C—

Campbell, Bruce, "Johnny Got His Gun," The Production, Aug, 762
Castle, Nick, Anatomy of an Oscar-Winning Short Subject, June, 588
Chessley, Howard, Nagra IV Recorder Specially Modified for Documentary Filming, The, Apr, 338
Collier, James F., and Lohmann, Paul, "Whisper My Name"—Made in Israel, Dec, 1250

—D—

Dixon, Clive, How a Video Color Analyzer Speeds the Making Of Prints, Mar, 230

—E—

Essert, Gary, Greystone: The American Film Institute in Hollywood, Mar, 220
Evans, Bob, Interfilm in Israel, Dec. 1254

—F—

Feigelson, Julius D., "The Windsplitter"—Golden Tara Award, Atlanta Film Festival, Aug, 768
Ferguson, Graeme, "North of Superior"—The World's Largest Motion Picture, Sep, 898
Flagle, Harry, "The Odd Couple" Goes Cordless, Oct, 1030

—G—

Gerard, Edmund Bert, New Experience in Cinematography, A, Jul, 672
Gildzen, Alex, Hal Mohr, ASC, Visits Kent State University, Sep, 880
Gimbel, Peter, "Blue Water, White Death"—The Hunt for the Great White Shark, Sep, 872
Graham, David G., "Marrying" Television to Film for "The Andromeda Strain," May, 440

—H—

Hart, Harry, Reflection Upon the Production of Britain's First Super-16 Feature, Nov, 1144

—J—

Johnston, Glenn, Sound Stage 627, Jan, 44
Jones, Gary, Welcome Aboard the Film/Tape Bandwagon, Jun, 566

—K—

Kahan, Saul, Israel: A New Film Frontier, Dec, 1244
Kallis, Stephen A. Jr., Background Music by Computer, Nov, 1148
Kawaguchi, Kazuo, MBKS, Filming of the Japanese Episodes of "Tora! Tora! Tora!", The, Feb, 142
Kerns, Robert V., Using the Zoom Lens Creatively, Mar, 226
Kiger, Bob, Mediums' Cool, or, How I Spent My Summer Vacation, May, 472
Kihn, Albert, Photographing a First Feature: "THX 1138," Oct, 1062
Kowalak, John J., Lab Breakthrough that Has Revolutionized Release Printing, The, May, 454

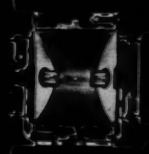
Hervi-Quartz
A new name in location lighting.

Portable "quartz" lighting kits specially designed for the cinematographer, still photographer and TV-cameraman who have to move rapidly from one location assignment to another.

Enough high intensity "quartz" lighting packaged compactly into a rugged attache-type case to meet all basic location lighting needs.

Light in weight and quickly set up. Hervi—Quartz location lighting kits are ready to travel with you anywhere at anytime — in a car, boat or plane.

Hervi-Quartz
JR/650
FIXTURE
400FC @ 5 FT



JR/650 SIDEVIEW
4⅛" x 4¾" x 2⅛" DEEP

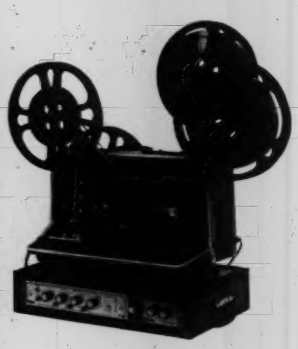
WITH
INTEGRAL
4-WAY BARNDOOR

For further information, write to

Hervic
CORPORATION
14225 Ventura Boulevard
Sherman Oaks, California 91403

Hervi-Quartz Location Lighting Kits are manufactured by Bardwell & McAlister Inc. exclusively for Hervic

NEW! PALMER INTERLOCK PROJECTOR



Play back separate picture and sound in perfect sync.

New Model PGSS-2 Palmer Interlock is a complete system to project picture with optical or magnetic track, record on stripe or 16mm magnetic film, and make sound transfers.

Write for details.

W. A. PALMER FILMS, INC.
611 HOWARD STREET · SAN FRANCISCO, CA 94105
San Francisco's complete 16 mm film service

CANON SCOOPIC 16
$995.00
Positive Focusing Ground Glass Available Now
—
NEW ZOOM MOTOR
Adds Only ¾ oz. Weight to Lens, Speeds from 8 Secs. to 2 Mins.
$149.95
—
HKS
Editing Equipment and Titlers

For Information And Demonstration Call or Write
JIMMIE MUNDELL
501/374-6005

FILMAKER SUPPLY
P.O. Box 1146
Little Rock, Ark. 72203

–L–

Lathrop, Philip H., ASC, Photographing the Israel Sequences for "Portnoy's Complaint," Dec, 1234
Lightman, Herb A., Cinesphere and the Film Feast at Ontario Place, Sep, 896; Filming in "Shangri-La," Nov, 1110; Film-making in Israel, Dec, 1222; Forty-Third Annual Academy Awards Presentation, The, May, 469; New Arrivox-Tandberg Recorder, The, Apr, 334; On Location with "Carnal Knowledge," Jan, 34; On Location with "Deliverance," Aug, 796; "The Odd Couple" Goes Cordless, Oct, 1028; "Wild Rovers"—Case History of a Film, Jul, 654; Wonders of Arri-Land, The, Jun, 542.
Lipscomb, James, Topside Photography for "Blue Water, White Death," The, Sep, 876
Lohmann, Paul, Filming "His Land" in the Original Locations, Dec, 1226
Lohmann, Paul and Collier, James F., "Whisper My Name"—Made in Israel, Dec, 1250
Loring, Charles, "Sound Telescope" for Wildlife Filming, A, Apr, 356
Lucas, George, Concept of "THX 1138", The, Oct 993

–M–

Meyers, Dave, Shooting "THX 1138" with (Almost) No Light, Oct, 1031
Mitchell, George J., Book Review: Biograph Bulletins, 1896-1908, Sep, 928
Mizrahi, Moshe, "Les Stances a Sophie," Gold Medal Award, Atlanta Film Festival, Aug, 776
Moultrie, F.C., Make This Transitioner, Jan, 56
Murch, Walter, Special Sound of "THX 1138," The, Oct, 1075

–N–

Nicholson, Marlene, "Le Mans"—Speed Was of the Essence, Oct, 990
Norton, Stan and Rogers, Robert, "Lighting the Night" Without Using Lights, Feb, 148

–O–

Omens, Woody, Challenges of a Free-Lance Cameraman, The, Jul, 684

–P–

Patterson, Richard, "Directed by John Ford"—Producing a Compilation Documentary, Nov, 1138: Motion Picture Sound . . . A Long Way from the "Ice Box," Apr, 320; Photography of "I Walk the Line," The, Part II, Jan, 62; Survey of Motion Picture Film Stocks and Laboratory Procedures, A, Part 1, June, 558; Part 2, Jul, 670.
Pearce, Christopher, San Francisco's Own American Zoetrope, Oct, 1002
Perryman, Ronald, "An American Freak Illumination," Gold Medal Award, Atlanta Film Festival, Aug, 777
Pilosov, David, Israeli Film Student on the Hollywood Scene, An, Dec, 1268
Purchese, John, Recording the Sound for "Song of Norway," Apr, 324

–R–

Rogers, Robert and Norton, Stan, "Lighting the Night" Without Using Lights, Feb, 148
Rosen, Steve, "SOS—Save Our Sea," Sep, 888
Russell, Rusty, "The San Francisco Experience". . . and How It Grew, Oct, 1054

–S–

Scheib, Hal, From Three Days to Three Minutes, Oct, 1024
Scott, Derek, "All the Best Camera Angles Were in Five Feet of Water," Nov, 1122
Scott, Robert T., Unique School for News Film Cameramen, A, Feb, 154
Shaner, Vaughn, Film-Making in San Francisco, Oct, 996
Shaw, William, Imax in the Cinesphere, Sep, 938
Shorr, Lester, ASC, "The Odd Couple" Goes Cordless, Oct, 1028
Smith, Thomas G., Holography—The Real Three-Dimensional Pictures Traditional Photography Can't Explain, Nov, 1127
Songer, Jim, New Video West Instant-Replay System Is Reflex and Wireless, Jul, 668
Steele, Gregg, On Location with "The Godfather," Jun, 568

–T–

Trumbull, Douglas, Creating the Title-Role Villain for "The Andromeda Strain," May, 448

16mm camera repair
Phone (303) 433-3873, or write:
stan phillips & associates camera service
2245 w. 30th ave. denver, colorado

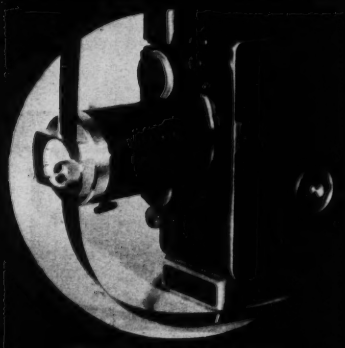
IN CANADA
16mm & 35mm b&w processing and printing. Complete 16mm COLOR Ektachrome processing. Magnetic sound striping for 16mm-8mm and Super 8mm. Vacuumate film treatment. 16mm Optical Transfers.
QUEBEC FILM LABS
265 Vitre Street West, Montreal, Quebec
Telephone (514) 861-5483

If it's worth saying it's worth saying into a Shure Microphone

BOLEX ACCESSORIES
- 24-Frame Sync. Camera motor—115V
- Var. Speed Battery Camera motor—24V
- 400-ft. Magazine w/400' counter in camera
- Intervaltimer—Range 1½ sec. to 36 min.
- Animation motor for new single-frame shaft

Write for Bolex Accessory Catalog
STEVENS ENGINEERING CO.
Dept. A, 340 Newport Blvd., Newport Beach, Calif. 92660

16MM "FREEZE" FRAME



DUPLIKIN IV
16MM TO 16MM PRINTER HEAD
189.50
Century Precision Cine/Optics

MICROFILMED

BACK ISSUES OF AMERICAN CINEMATOGRAPHER

4¢ Per Page—

Sold only by complete issues

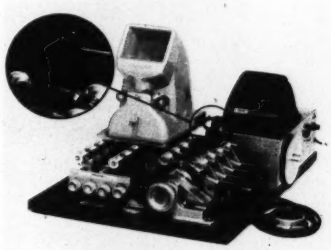
•

1921 through 1967 available

UNIVERSITY MICROFILMS

EDITORIAL SERVICES
300 N. ZEEB RD.
ANN ARBOR, MICHIGAN 48106

CUTS EDITING TIME 50%



FILMKRAFT EDITOR MODEL 16 O/M

Runs up to 3 16mm magnetic tracks with a picture — Also runs single-system optical and mag-stripe — Sync motor drive — Automatic clutch — Free wheeling — Portable — Self-contained — Built-in solid state mixer and amplifier.

Prices start at:

$1385 F.O.B. Los Angeles

For further information contact:

FILMKRAFT SERVICES
Dept. A
6850 Lexington Ave., Suite 217
Hollywood, California 90038
(213) 464-7746

–V–

Van Bork, Bert, Into the Mouth of Hell to Film "Fire Mountain," June, 538

–W–

Watkins, Peter, "Punishment Park," Gold Medal Award, Atlanta Film Festival, Aug, 778
West, P.A., Film '71, Aug, 788
Wheeler, Charles F., ASC, My Particular Tiger, Feb, 128
Whitney, John, Animation Mechanisms, Jan, 26
Williams, George, Havasupai: People of the Blue-Green Water, Nov, 1115
Williams, Ron, "Images," Gold Medal Award, Atlanta Film Festival, Aug, 785
Williamson, Geoff, Wilcam Super-8 Single-System Sound Camera, Apr, 350
Wilson, Anton, Cinema Workshop: Automatic Slating, Aug, 750; Care of Magnetic Tape, Nov, 1100; Film Registration, Jul, 646; Magnetic Sound Recording, Sep, 860; Polarizing Filters, Feb, 114; Sound Recording Tape, Oct, 980; The Care of Filters, Mar, 210; The Care of Lenses, Apr, 312; Variable Shutters, Jun, 532; Zoom Lenses, May, 432; What is Crystal Sync and Why Is It Important?, Apr, 330
Wolff, Anthony, Tennessee Portfolio, Jan, 66
Wright, George, Freddie Young Goes to College, Jun, 556
Wright, Jim, "The Odd Couple" Goes Cordless, Oct, 1029

–Z–

Zeper, Roy, Modified Gun Stock For the Expeditionary Cameraman, A, Oct, 1016

AMATEUR FILMS WIN TOP AWARDS AT CANNES AND MARBURG

Six amateur films received awards at two European festivals, Cannes, France and Marburg, Germany.

"THE GREAT WALLED CITY OF XAN" by Hal Barwood, a student at the University of Southern California, won a Gold Medal at Marburg and a Silver Medal at Cannes. In addition, Hal Barwood has won a round trip ticket to Marburg, and a weeks stay as a guest of the festival.

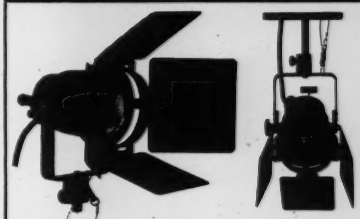
"THE KEY MAKER", produced by Trace Johnston, also a student at the University of Southern California, received a Gold Medal, the round trip ticket to Marburg and a weeks stay as a guest of the festival. The film has also been awarded prizes for best directing and best acting.

"WEST TEXAS", directed by Alan Gadney of Sun Valley, California, won the Cup of the National Center of Cinematography at Cannes.

In addition to "THE GREAT WALLED CITY OF XAN", the film "FLAT FLIP FLIES STRAIGHT" by Dallas Garred of Pelham, New York, won a Silver Medal at Cannes.

"OPERATION GROCERY STORE" by Dale Ramsey of Newport News, Virginia, was awarded a Bronze Medal at Marburg. Neil Beltran, of San Jose, California, 12 year old producer of "MOSTLY GHOSTLY", was presented the Special Prize for the best film by a young author. ■

NEW SMITH-VICTOR
Model 710
HI-FI STUDIO LIGHT



New Smith-Victor Hi-Fi Quartz Studio Lights are made to meet the needs of the most discriminating professional photographer. Housing is of Double Wall Aluminum which provides coolness, strength and light-weight. They are high quality lights for photography or T.V., and are ideal for Key, Fill or Punch Lighting. Focusing lever adjusts the light from a 30° spot up to a 60° flood. Write for complete specifications and price sheet.

MODEL 710 HI-FI STUDIO LIGHT
(less lamp) $35.00
MODEL 711 BARN DOORS 13.50
Single and Double Scrims available

AT YOUR PROFESSIONAL DEALER
SMITH-VICTOR CORP.
Griffith, Indiana 46319

NYI Offers today's most comprehensive professional Motion Picture Training

Work in modern studios with the latest equipment. Professional instructors. Co-ed. Day/evening.

- **CREATIVE MOTION PICTURE PRODUCTION**
- **FILM & TELEVISION WRITING**
- **ANIMATION**
- **FILM EDITING**
- **SOUND RECORDING**

Courses in preparation include: TV-Videotape Production; Documentary Film Production; TV News Production; Film Directing, Business Films; Underwater Film Production; Camera Repair

Student loans/Veterans benefits available. Licensed by N.Y. State. Accredited by Natl. Assoc. of Trade and Technical Schools. Approved for foreign (non-immigrant) students.

Resident and Home Study Courses in Still Photography also available

FREE BOOKLET. Write, phone, or visit

New York Institute of Photography

Motion Picture Production Center, Dept. 331-12
112 W. 31st St., New York 10001
Phone (212) 244-3462
Leadership in professional training since 1910